

### **UTILITY PATENT APPLICATION TRANSMITTAL** (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. END920030080US1

Total Pages in this Submission

#### TO THE COMMISSIONER FOR PATENTS

Mail Stop Patent Applicati n

		= :	.O. Box 1450 ria, VA 22313-1450		
invention entitled:				B(b) is a new utility patent ap	oplication for an
	TARRELLE CHE G				1823
and invented by:					75
Ming-i M. Lin	et al.				22387
If a CONTINUAT	TION APPLICATION,	check appropria	ate box and supply	the requisite information:	
☐ Continuation  Which is a:	on 🗌 Divisional	☐ Continua	tion-in-part (CIP)	of prior application No.:	
☐ Continuation Which is a:	on 🗌 Divisional	☐ Continua	tion-in-part (CIP)	of prior application No.:	
☐ Continuation	on 🗌 Divisional	☐ Continua	tion-in-part (CIP)	of prior application No.:	
Enclosed are:		Applic	cation Elements		
1. 🛭 Filing	fee as calculated an	d transmitted as	described below		
2. 🛭 Spec	ification having	33	pages and i	ncluding the following:	
a. 🛚 I	Descriptive Title of the	e Invention			
b. 🔲 (	Cross References to	Related Applicat	tions <i>(if applicable)</i>		
с. 🔲 🥹	Statement Regarding	Federally-spons	sored Research/De	evelopment (if applicable)	
d. 🔲 1	Reference to Sequen	ce Listing, a Tat	ole, or a Computer	Program Listing Appendix	
e. 🛛	Background of the Inv	vention			
f. 🛭 ।	Brief Summary of the	Invention			
g. 🛭 I	Brief Description of th	e Drawings (if fil	led)		
h. 🛭 I	Detailed Description				
i. 🛛 (	Claim(s) as Classified	Below			
j. 🛛 🛚	Abstract of the Disclo	sure			

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### **Application Elements (Continued)**

3.		Dra	ving(s) (when i	necessary as prescribed by	35 USC 113)
	a.	X	Formal	Number of Sheets	5
	b.		Informal	Number of Sheets	
4.	X	Oat	or Declaration	1	
	a.	X	Newly execute	ed (original or copy)	Unexecuted
	b.		Copy from a p	rior application (37 CFR 1.6	3(d)) (for continuation/divisional application only)
	C.	X	With Power of	Attorney	Power of Attorney
	d.		Signed statem	F INVENTOR(S) ent attached deleting inven 1.63(d)(2) and 1.33(b).	tor(s) named in the prior application,
5.		The Box	entire disclosu 4b, is conside		s checked) rom which a copy of the oath or declaration is supplied under disclosure of the accompanying application and is hereby
6.		CD	ROM or CD-R	in duplicate, large table or C	Computer Program (Appendix)
7.		App	ication Data SI	neet (See 37 CFR 1.76)	
8.		Nuc	eotide and/or /	Amino Acid Sequence Subn	nission (if applicable, all must be included)
	a.		Computer Rea	adable Form (CRF)	
	b.		Specification S	Sequence Listing on:	
			i. 🗆 CD-F	OM or CD-R (2 copies); or	
			ii. 🗌 Pape	r	
	C.		Statement(s)	Verifying Identical Paper an	d Computer Readable Copy
				Accompanying	Application Parts
9.	X	Ass	gnment Papers	s (cover sheet & document(	s))
10.		37 (	FR 3.73(B) St	atement (when there is an a	ssignee)
11.		Eng	ish Translation	Document (if applicable)	
12.	X	Info	mation Disclos	ure Statement/PTO-1449	Copies of IDS Citations (non- us)
13.		Pre	minary Amend	ment	
14.	X	Ret	rn Receipt Pos	stcard (MPEP 503) (Should	be specifically itemized)
15.		Cer	fied Copy of P	riority Document(s) (if foreig	in priority is claimed)
16.	X	Cer	ficate of Mailin	g	
			First Class (	Express Mail (Specify I	_abel No.): EU943994459US

# UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

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Acc mpanying Applicati n Parts (Continued)

7. 🗀	Additional Enclosures (please identify below):
	Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)
8. 🗖	Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.
	Warning
	An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

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Total Pages in this Submission

ASSIGNEE NAME: International Business Machines Corporation

ASSIGNEE RESIDENCE: Armonk, New York

#### **Fee Calculation and Transmittal**

CLAIMS		AS FILED			
#Allowed	For	#Extra		Rate	Fee
- 20 =	ıl Claims	10	x	\$18.00	\$180.00
- 3 =	p. Claims	0	x	\$86.00	\$0.00
f applicable)	tiple Dependent				\$0.00
				BASIC FEE	\$770.00
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·			-	TOTAL FILING FEE	\$950.00
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	ed: VIVIV		11 11 1' E	IBM Corpoi IP Law Dep 1701 North Endicott, N	Reg. No. 28,540 IBM Corporation IP Law Dept. IQOA/040-3 1701 North St. Endicott, NY 13760 (607) 429-3979

	MAILING BY "EXPRESS Lin et al.	6 MAIL" (37 CFR 1.10)	Docket No. END920030080US1
Serial No.	Filing Date HEREWITH	Examiner	Group Art Unit
Invention: MULTILEV	EL PARALLEL CRC GENERA	ATION AND CHECKING CIRCU	iT
	e following correspondence:		
Patent application and	corresponding paperwork, I		
is being deposited with		vice "Express Mail Post Office to	Addressee" service under 37
		er for Patents, P.O. Box 1450, Ale	
	2/03/04		
	(Date)		
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